

L5 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1994:599526 HCAPLUS
DOCUMENT NUMBER: 121:199526
ORIGINAL REFERENCE NO.: 121:36167a,36170a
TITLE: Preparation of gelatin carriers for immobilized
enzymes
INVENTOR(S): Yamamoto, Yoshe
PATENT ASSIGNEE(S): Japan Vilene Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 05308969	A	19931122	JP 1992-146177	19920513
PRIORITY APPLN. INFO.:			JP 1992-146177	19920513

AB An enzyme carrier is prepd. which is comprised of reinforced gelatin gel that contains enzyme and the gel is further covered with a crosslinked gelatin shell. The carrier is prepd. by gelation of a mixt. of gelatin colloid soln., enzymes, and a substance for reinforcement, followed by crosslinking the outer layer of the gel. The prepn. protects the enzyme activities reside in the non-crosslinked gel by crosslinked shell and thus ensures repetitive use. Prepn. of the glucoamylase-contg. gelatin carrier was shown.